

CLAIMS

We claim:

1. A process for producing crystalline Form I of cabergoline, which process comprises crystallisation of raw cabergoline from a toluene/diethyl ether mixture, through a solvate form V of cabergoline.
2. A process according to claim 1 in which the crystallisation comprises dissolving raw cabergoline in a toluene/diethyl ether mixture, cooling the resulting solution, collecting the resulting solvate form V of cabergoline having the XRD powder pattern of FIG. 5 and converting the solvate into cabergoline Form I by drying.
3. A process according to claim 1 or 2 in which the toluene/diethyl ether mixture is a 1:1 mixture.
4. A process according to claim 2 in which the toluene/diethyl ether mixture is cooled to a temperature of from -25° to -9° C.
5. A process according to claim 3 in which the toluene/diethyl ether mixture is cooled to a temperature of from -25° to -9° C.
6. A process according to claim 4, in which the toluene/diethyl ether mixture is cooled to a temperature of about -12° C.
7. A process according to claim 5, in which the toluene/diethyl ether mixture is cooled to a temperature of about -12° C.
8. Solvate form V of cabergoline having the XRD powder pattern of FIG. 5.
9. A process for producing solvate form V of cabergoline as defined in claim 8, which process comprises dissolving raw cabergoline in a toluene/diethyl ether mixture, cooling the resulting solution and collecting the resulting solvate form V of cabergoline.
10. A process according to claim 9 in which the toluene/ diethyl ether mixture is a 1:1 mixture.

11. A process according to claim 9, in which the toluene/diethyl ether mixture is cooled to a temperature of from -25° to -12° C., and the solvate form V is collected by filtration under reduced pressure or by centrifugal filtration, followed by smoothly drying the resulting solid.